

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,013,332 B2
APPLICATION NO. : 09/681106
DATED : March 14, 2006
INVENTOR(S) : Guy Friedel et al.

Page 1 of 12

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

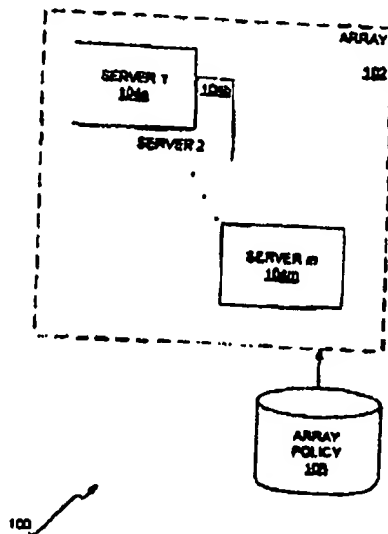
Delete the title page and substitute therefore the attached title page.

On the face page, in field (56), under "Other Publications", in column 2, line 11, after "CA" insert --, --.

On Sheet 1 of 12, please replace Fig. 1(a) with the following figure:

ARRAY ONLY

FIG 1(a)



PLEASE
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NEW
TITLE
PAGE
(NEW PAGE)
(12 of 12)

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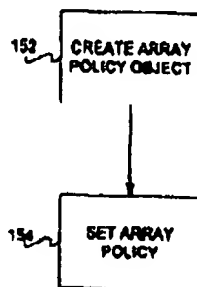
Page 2 of 12

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 2 of 12, please replace FIG 1(b) with the following figure:

ARRAY ONLY

FIG 1(b)



150

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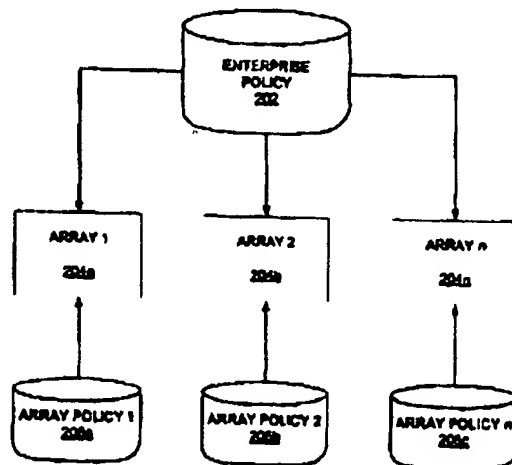
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 3 of 12, please replace FIG 2(a) with the following figure:

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FIG 2(a)



200

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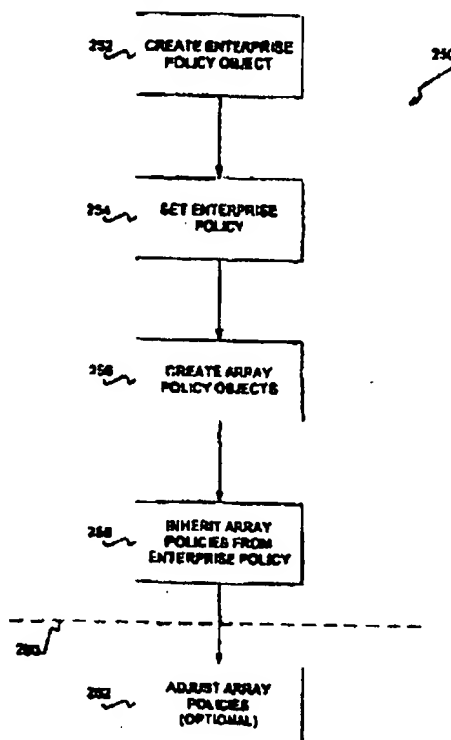
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 5 of 12, please replace FIG 2(c) with the following figure:

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FIG 2(c)



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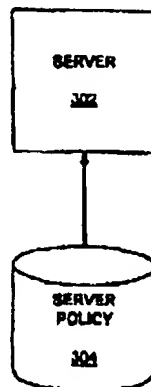
Page 5 of 12

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 6 of 12, please replace FIG 3(a) with the following figure:

SERVER ONLY

FIG 3(a)



300

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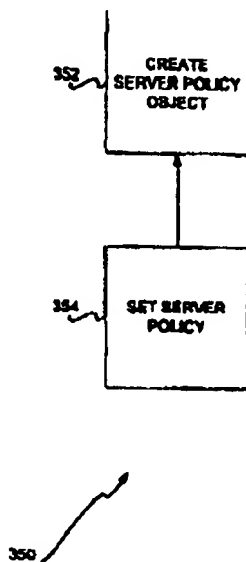
Page 6 of 12

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 7 of 12, please replace FIG 3(b) with the following figure:

SERVER ONLY

FIG 3(b)



Note

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13

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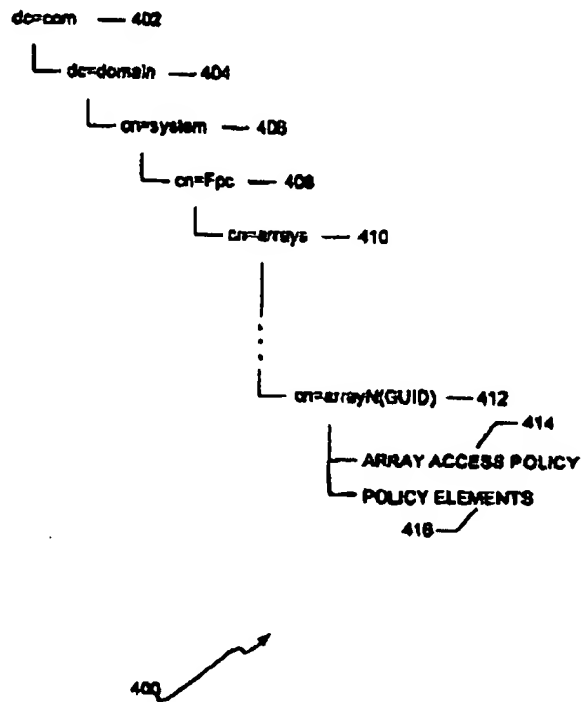
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 8 of 12, please replace FIG 4 with the following figure:

ARRAY POLICY OBJECT

FIG 4



Note

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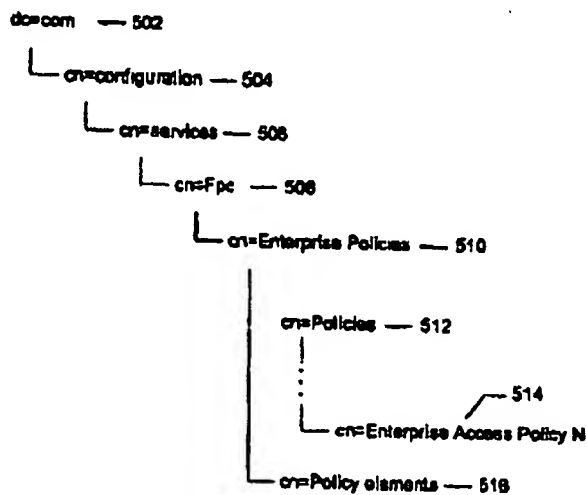
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 9 of 12, please replace FIG 5 with the following figure:

ARRAY POLICY OBJECT

FIG 5



500

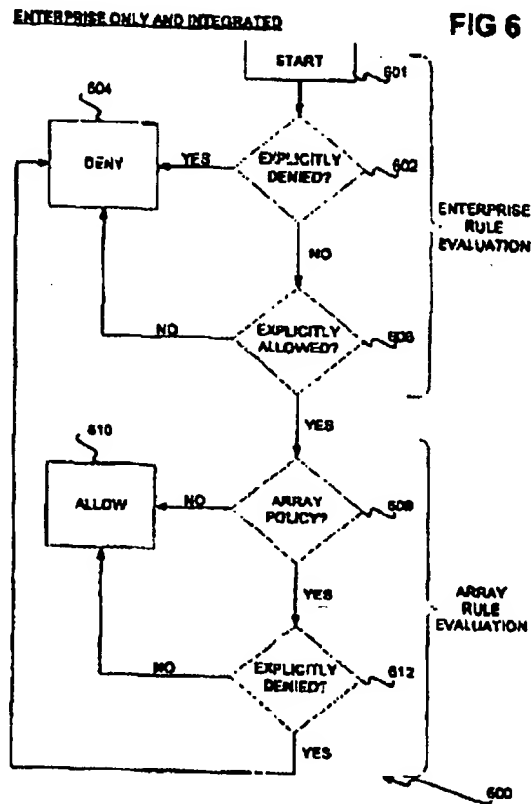
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 10 of 12, please replace FIG 6 with the following figure:



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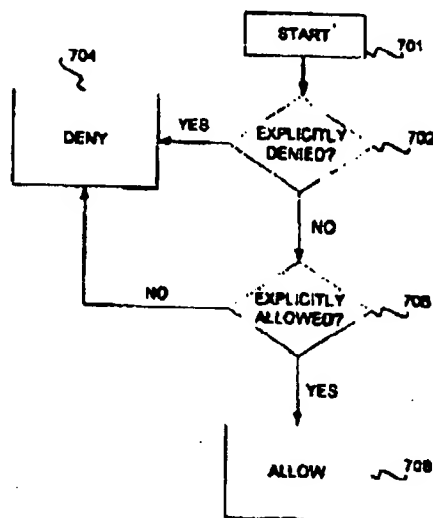
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Sheet 11 of 12, please replace FIG 7 with the following figure:

ARRAY ONLY AND SERVER ONLY

FIG 7



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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 12, line 18, in Claim 1, after "each of one" delete "of" and insert -- or --, therefor.

In column 13, line 61, in Claim 13, delete "govering" and insert -- governing --, therefor.

In column 13, line 65, in Claim 13, delete "time" and insert -- type --, therefor.

In column 14, line 18, in Claim 15, delete "byte" and insert -- by the --, therefor.

In column 14, line 59, in Claim 17, after "the" insert -- at --.

In column 15, line 12, in Claim 19, delete "may" and insert -- array --, therefor.

This certificate supersedes certificate of correction
issued September 29, 2009.

[REDACTED]



US007013332B2

(12) **United States Patent** **Friedel et al.**

(10) **Patent No.:** **US 7,013,332 B2**
(45) **Date of Patent:** **Mar. 14, 2006**

(54) **DISTRIBUTED POLICY MODEL FOR ACCESS CONTROL**

(75) Inventors: **Guy Friedel**, Bellevue, WA (US); **Ariel Katz**, Redmond, WA (US); **Yaron Shamir**, Zichron Yaacov (IL); **Abraham Nathan**, Haifa (IL)

(73) Assignee: **Microsoft Corporation**, Redmond, WA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 739 days.

(21) Appl. No.: **09/681,106**

(22) Filed: **Jan. 9, 2001**

(65) **Prior Publication Data**
US 2002/0138631 A1 Sep. 26, 2002

(51) **Int. Cl.**
G06F 15/173 (2006.01)

(52) **U.S. Cl.** **709/223; 709/224; 709/225; 713/201; 707/10**

(58) **Field of Classification Search** **709/223-225, 709/229; 713/201; 707/3, 10, 200**
See application file for complete search history.

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* cited by examiner

Primary Examiner—Ario Etienne

Assistant Examiner—LaShonda Jacobs

(74) *Attorney, Agent, or Firm*—Lee & Hayes, PLLC

(57) **ABSTRACT**

A distributed policy model for access control is disclosed. In an enterprise-only mode, each node within a networking environment has its resource access governed by the same enterprise-wide policy. The enterprise-wide policy is set through creation of one or more enterprise policy objects. In an integrated mode, nodes are organized in a number of arrays. Each array has an array-wide policy set through creation of an array policy object. Each array-wide policy initially inherits the enterprise-wide policy. Additional resource access and protocol use restrictions can be added to the individual array-wide policies. In an array-only mode, each array has an array-wide policy also set through creation of an array policy object, but the policy does not necessarily initially inherit an enterprise-wide policy. In a stand-alone mode, a single server has its own policy.

21 Claims, 12 Drawing Sheets

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